

**Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only**

EFS ID: 10685  
Application ID: 09681019  
Title of Invention: METHOD FOR OPTICAL-LIGHT  
SCANNING OF A SPECIMEN; AND  
SCANNING MICROSCOPE FOR  
SCANNING A SPECIMEN  
First Named Inventor: Werner Knebel  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2000-11-28  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 102847-30  
Digital Certificate Holder: cn=Maria A. Eliseev, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: OO/rbcNxEjgQKXPDv463Jw==  
Total Fees Authorized: \$1088.0  
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11/28/00  
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09/681019  
11/28/00

# TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 102847-30

## METHOD FOR OPTICAL-LIGHT SCANNING OF A SPECIMEN; AND SCANNING MICROSCOPE FOR SCANNING A SPECIMEN

First Named Inventor: Dr. Werner Knebel

### SUBMITTED BY

Name: Maria Eliseeva

Registration Number: 43328

Electronic Signature Mark: maria  
eliseeva

Date Signed: 20001128

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal 102847-30apds.xml

fee-transmittal 102847-30fee.xml



Table 1. <i>Continued</i>	
Variable	Value
Number of subjects	100
Age (years)	55.0
Weight (kg)	70.0
Height (cm)	170.0
Body mass index (kg/m <sup>2</sup> )	24.0
Smoking status	100
Current	50
Former	50
Never	0
Alcohol consumption (g/day)	50.0
Current	50
Former	50
Never	0
Physical activity (MET-h/week)	100.0
Current	50
Former	50
Never	0
Family history of CHD	100
Current	50
Former	50
Never	0
Diabetes mellitus	100
Current	50
Former	50
Never	0
Hypertension	100
Current	50
Former	50
Never	0
Hyperlipidemia	100
Current	50
Former	50
Never	0
Medication	100
Current	50
Former	50
Never	0
Outcome	100
Current	50
Former	50
Never	0

Table 1. <i>Continued</i>	
Variable	Value
Number of subjects	100
Age (years)	55.0
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Never	0
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Current	50
Former	50
Never	0
Hypertension	100
Current	50
Former	50
Never	0
Hyperlipidemia	100
Current	50
Former	50
Never	0
Medication	100
Current	50
Former	50
Never	0
Outcome	100
Current	50
Former	50
Never	0

\_\_\_\_\_

\_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES LETTERS PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR OPTICAL-LIGHT SCANNING OF A SPECIMEN;  
AND SCANNING MICROSCOPE FOR SCANNING A SPECIMEN**

the specification of which

(check one)

☒ is attached hereto.

was filed on:

as Application No.:

and was amended on:

\_\_\_\_\_ (if applicable).

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

# FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(check one)

no such foreign applications have been filed.

☒ such foreign applications have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119
Germany	DE 199 57 418.9	November 29, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 1.5
Gender	
Male	50 (50.0%)
Female	50 (50.0%)
Education (years)	12.0 ± 1.0
Marital status	
Married	40 (80.0%)
Single	10 (20.0%)
Occupation	
Retired	40 (80.0%)
Unemployed	10 (20.0%)
Income (USD/month)	1,200 ± 200
Health status	
Good	40 (80.0%)
Poor	10 (20.0%)
Comorbidities	
Hypertension	30 (60.0%)
Diabetes	20 (40.0%)
Cholesterol	15 (30.0%)
Smoking status	
Smoker	10 (20.0%)
Non-smoker	40 (80.0%)
Alcohol consumption	
Regular	5 (10.0%)
Occasional	15 (30.0%)
Never	30 (60.0%)

Ronald E. Cahill	Reg. No. 38,403	Reza Mollaaghababa	Reg. No. 43,810
Maria M. Eliseeva	Reg. No. 43,328	Tram Anh T. Nguyen	Reg. No. 47,257
Thomas J. Engellenner	Reg. No. 28,711	David J. Powsner	Reg. No. 31,868
Michael I. Falkoff	Reg. No. 30,833	Richard J. Roos	Reg. No. 45,053
William C. Geary III	Reg. No. 31,359	Scott D. Rothenberger	Reg. No. 41,277
Lisa J. Michaud	Reg. No. 44,238		

Please mail correspondence to: Maria M. Eliseeva  
at **Customer Number 021125**, whose address is:

Please direct facsimiles to: (617) 310-9804

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Second (Ch. 13 (1.00))

Full name of <del>the</del> /joint inventor Dr. Joachim Bradl	
Inventor's Signature <i>Dr. Joachim Bradl</i>	Date 11/15/2000
Residence Schelmengrubweg 25, 69198 Schriesheim, Germany	
Country of Citizenship Germany	
Post Office Address (required) same as above	

923057.1



# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1088**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 1003  
Expiration Date: 20020930  
Authorized Name: Maria Eliseeva  
Billing Address: 02110

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 41	103	\$ 18	21	\$ 378
Independent Claims: 2	102	\$ 80	0	\$ 0

Subtotal For Extra Claims Fees: \$ 378